



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III

841 Chestnut Building  
Philadelphia, Pennsylvania 19107

65158  
APR 2- 1990

Mr. George Prince  
U.S. EPA  
Environmental Response Team  
Edison, NJ 08837

Re: Request for Assistance - XRF Field Screening  
Tonolli Corporation Superfund Site RI/FS

Dear Mr. Prince:

As per our conversation of March 22, 1990, I am requesting your assistance with the Tonolli Site RI/FS, specifically in the area of field screening (XRF) work. I have forwarded a copy of the draft RI/FS Work Plan, EPA's comments on this document, and an approximate schedule to you for your consideration and review. The Work Plan is currently being revised as per EPA's comments, and will be resubmitted to EPA by April 15, 1990.

The Tonolli Site RI/FS is an enforcement or responsible party (PRP) lead project. The PRP Steering Committee has hired Engineering Science, Inc. to develop an RI/FS Work Plan that receives EPA's approval. Once the Work Plan is approved, the PRPs will solicit bids from other consultants, and select a firm to implement the tasks required by the Work Plan. Once a contractor is selected and EPA is notified (approximately late May, early June), I plan to request a meeting to discuss the implementation of the Work Plan, with specific emphasis on the schedule for field investigation activities. I anticipate that you may wish to attend this meeting in order to discuss and delineate your requirements for scheduling and implementing the various field screening tasks (XRF), as they are outlined in the RI/FS Work Plan.

From our previous conversation, it appeared that you prefer to offer field screening (XRF) assistance in a relatively independent manner; ERT would complete XRF work as a discrete portion of the field investigation work. As you can see from reviewing the draft Work Plan for Tonolli, the PRPs have proposed using the XRF technique as a screening tool during soil and waste material sampling - both surface and subsurface areas, and during construction of shallow and deep monitoring wells at the site.

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The revised Work Plan will also include limited use of the XRF technique to investigate metals contamination in offsite surface soils, primarily in one area of residential activity. The intentions of applying the XRF technique, as I understand them, are to identify areas (soil horizons, surface soil areas) of elevated lead concentrations for the purpose of obtaining a sample for laboratory analysis and/or for the purpose of placing screened intervals in monitoring wells. This proposed use of the XRF technique is likely to require a very closely coordinated effort between the operator of the XRF instrument and the field crew responsible for collecting soil samples and/or placing monitor well screens.

While the proposed use of the XRF technique may be required during specific portions of the field work (i.e. 2 week period for sampling, or 3 week period for well construction), the actual field experience will require direct interaction with the PRP's field crew. If this nature of assistance is not acceptable to you it is important that you notify me as soon as possible.

Please note that a revised RI/FS Work Plan is scheduled to be delivered to EPA by April 15, 1990. If you believe that the scenario described above is acceptable to you, and that ERT can provide assistance to the Tonolli project in this manner, please feel free to forward any technical comments you may have regarding the draft RI/FS Work Plan, specifically the proposed scope of XRF use and calibration requirements. Also, please feel free to contact me if you should have any questions, or require additional information.

ERT's assistance with the Tonolli Site field investigation would be greatly appreciated, and would certainly benefit the characterization of the site. I look forward to working with you on this effort.

Sincerely,

*Donna M. McCartney*

Donna M. McCartney (3HW21)  
Project Manager

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